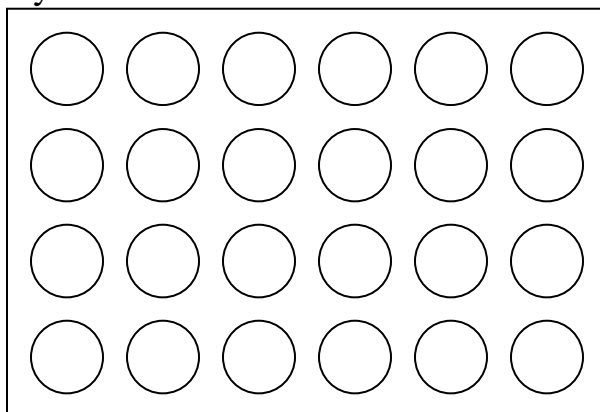


Name _____ Period _____

Air Pollution Investigation

Part I: Acid Rain in a Bag Demonstration

1. In the space provided below, draw the set up of the lab. Label what is in each of the 24 wells. Label any colors noticed as well.



2. What happened to the color in the indicator wells (4 corners) once the nitric acid was added to the copper?

3. What does this indicate?

4. Once the universal indicator was added to the water wells, what happened to the color in the wells furthest to the chemical reaction?

5. Once the universal indicator was added to the water wells, what happened to the color in the wells closest to the chemical reaction?

6. What does this indicate?

7. How would acid rain affect bodies of water and the organisms that live there?